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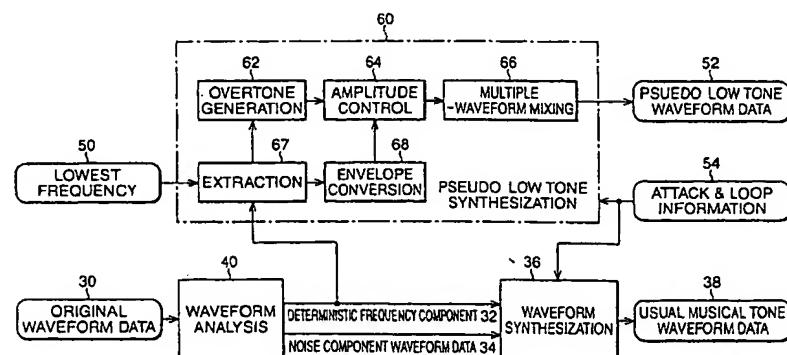
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### (54) Waveform signal generation method with pseudo low tone synthesis

(57) A method generates waveform signals from a plurality of channels to sound a music tone through an electro-acoustic converter in response to sounding instruction information. The method is carried out by a receipt process of receiving the sounding instruction information containing a designated pitch effective to specify a pitch of the music tone, a determination process of determining whether or not the designated pitch is lower than a critical pitch which is predetermined in association with the electro-acoustic converter, a first generation process (36) of generating a first waveform signal

(38) containing a fundamental tone corresponding to the designated pitch at least when the determination process determines that the designated pitch is not lower than the critical pitch (50), and a second generation process (60) of generating a second waveform signal (52) containing at least two overtones which are multiples of the fundamental tone and higher than the critical pitch (50), only when the determination process determines that the designated pitch is lower than the critical pitch (50), thereby the second waveform signal (52) providing a pseudo low tone below the critical pitch.

FIG. 3





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## EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			
Place of search  MUNICH	Date of completion of the search  18 June 2003	Examiner  Feron, M	
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